



<Rehearsal Links>

Established "Golden Regions"

Display Regional Pages:

With this form you can select regional specific pages. A graphic depicting the general area of each region is below.

Choose a Location:

* Indicates a satellite only area.



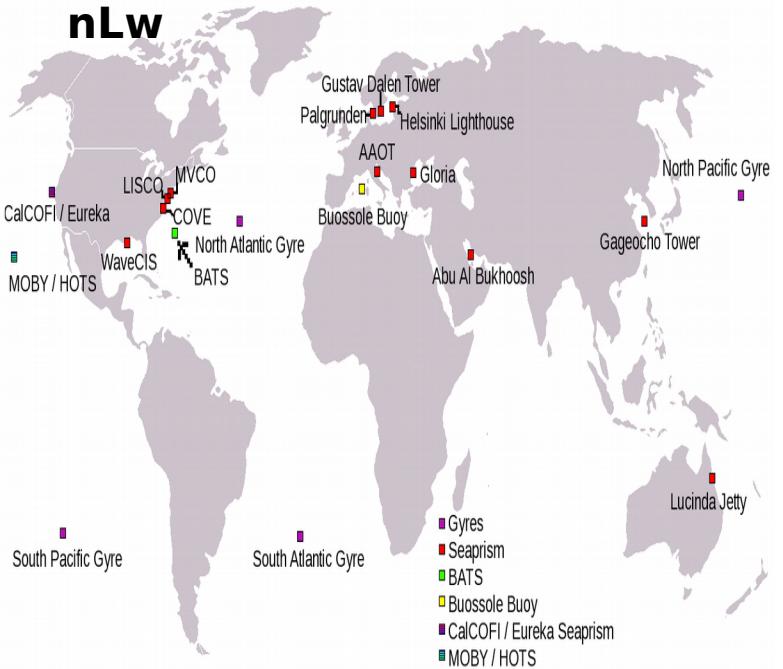
Site Name	Satellite Status	In situ Status
WaveCIS Site 6		
Palgrunden		
Martha's Vineyard		
Lucinda Jetty		

Multiple Satellites -

MODIS, MERIS, VIIRS - Proxy

**Real time processing
For ocean water quality
products**

**(including normalized
Water leaving radiance) --
nLw**



Golden regions						
	Areas	Map	Date Online	VIIRS-Proxy	MODIS 1km	MERIS 1km
1	Long Island	MVCOX (MVX)	AERONET	1/10- present	present	1/10 - present
2	Venice	AAOT (AOT)	AERONET	1/10- present	present	1/10 - present
3	MVCO	MVCOX (MVX)	AERONET	1/10- present	present	1/10 - present
4	WaveCIS (Gulf)	WaveCIS (WCS)	AERONET	1/10- present	present	1/10 - present
5	Lucinda	LucindaJetty (LJY)	AERONET	1/10- present	present	1/10 - present
6	COVE /Chesapeake region	ChesapeakeBay (CBY)	AERONET	1/10- present	present	1/10 - present
7	Gustav_Dalen	GDAT (GDT)	AERONET	1/10- present	present	1/10 - present
8	Helsinki	Helsinki (HLH)	AERONET	1/10- present	present	1/10 - present
9	MOBY - Buoy	MOBY (MOB)	Buoy	1/10- present	present	1/10 - present
10	South pacific Gyre	SouthPacificGyre (SPG)	GYRE	1/10- present	present	1/10 - present
11	North Pacific Gyre	NorthPacificGyre (NPG)	GYRE	1/10- present	present	1/10 - present
12	North Atlantic Gyre	NorthAtlanticGyre (NAG)	GYRE	1/10- present	present	1/10 - present
13	South Atlantic Gyre	SouthAtlanticGyre (SAG)	GYRE	1/10- present	present	1/10 - present
14	Eureka	CalCOFI (CCI)	AERONET	1/10- present	present	1/10 - present
15	Abu_Al_Bukhoosh	AbuAlBukhoosh (AAB)	AERONET	1/10- present	present	1/10 - present
16	Palgrunden	Palgrunden (PAL)	AERONET	1/10- present	present	1/10 - present
17	Boussole Buoy	BoussoleBuoy (BOB)	BUOY	1/10- present	present	1/10 - present
18	Gloria	Gloria (GAS)	AERONET	1/10- present	present	1/10 - present
19	HOT Region	MOBY (MOB)	REGION	1/10- present	present	1/10 - present
20	BATS Region	BATS (BTS)	REGION	1/10- present	present	1/10 - present
21	CalCOFI* Region	CalCOFI (CCI)	REGION	1/10- present	present	1/10 - present
22	Yellow Sea	GageochoSeapirsm (GSP)	AERONET	1/10- present	present	1/10 - present
23	Thailand Aeronet	ThailandSeapirsm (TSP)	AERONET	1/10- present	present	
24	Santa Barbara Channel	CalCOFI (CCI)	REGION	1/10- present	present	1/10 - present
25	Monterey Bay	CalCOFI (CCI)	REGION		1/10 - present	1/10 - present
26	Newport, Oregon	OregonInstitu (OIS)	REGION	6/11-present	6/11-present	6/11-present
27	Columbia River	Oregon Inistu (OIS)	REGION	6/11-present	6/11-present	6/11-present

Guide to the color codes:

GOLD Data within the three days.

RED Data available, but not recently.

BLUE Area/Satellite combination not running (likely intentional).

Golden Regions Data flow-Status

Script last ran: 19:15; 21-July,2011

Files in work directory: 455; Files to be processed: 10.

Previous files in work directory: 451; Previous files to be processed: 9.

High/Low number of files in work directory: 2639, 0.

High/Low number of files to be processed: 1406, 0.

* Note: High/Lows calculated since 0800 1 July 2011.

Area	modis	hmodis	viirs	meris	hmeris
AAOT	RECENT DATA	N/A	RECENT DATA	NO RECENT DATA	N/A
AAOT250	N/A	RECENT DATA	N/A	N/A	N/A
Aloha	RECENT DATA	N/A	N/A	RECENT DATA	N/A
BATS	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
BATS250	N/A	RECENT DATA	N/A	N/A	N/A
BlackSea	RECENT DATA	N/A	N/A	RECENT DATA	N/A
BoussoleBuoy	RECENT DATA	N/A	RECENT DATA	NO RECENT DATA	N/A
BoussoleBuoy250	N/A	RECENT DATA	N/A	N/A	N/A
CalCOFI	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
ChesapeakeBay	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
ChesapeakeBay250	N/A	RECENT DATA	N/A	N/A	RECENT DATA
EastSea	N/A	N/A	N/A	RECENT DATA	N/A
GDAT	RECENT DATA	N/A	RECENT DATA	NO RECENT DATA	N/A
GDAT250	N/A	RECENT DATA	N/A	N/A	N/A
GageochoSeaprism	RECENT DATA	N/A	N/A	RECENT DATA	N/A
Gloria	RECENT DATA	N/A	RECENT DATA	NO RECENT DATA	N/A
Gloria250	N/A	RECENT DATA	N/A	N/A	N/A
Gomex	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
GreatLakes1km	RECENT DATA	N/A	RECENT DATA	N/A	N/A
GulfOfCali	RECENT DATA	N/A	N/A	RECENT DATA	RECENT DATA
GulfOfCali250	N/A	RECENT DATA	N/A	N/A	N/A
GulfOfMaine	RECENT DATA	N/A	RECENT DATA	N/A	N/A
GulfOfThailand	RECENT DATA	N/A	N/A	RECENT DATA	N/A
GulfOfThailand250	N/A	RECENT DATA	N/A	N/A	N/A
HCMCity	RECENT DATA	N/A	N/A	RECENT DATA	N/A
HCMCity250	N/A	RECENT DATA	N/A	N/A	N/A
Helsinki	RECENT DATA	N/A	RECENT DATA	NO RECENT DATA	N/A
Helsinki250	N/A	RECENT DATA	N/A	N/A	N/A
JuanDeFuca250	N/A	RECENT DATA	N/A	N/A	N/A
Kuwait250	N/A	RECENT DATA	N/A	N/A	N/A
LigurianSea	RECENT DATA	N/A	RECENT DATA	N/A	N/A
LouisianaCoastEPA	N/A	RECENT DATA	N/A	N/A	N/A
LucindaJetty	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
LucindaJetty250	N/A	RECENT DATA	N/A	N/A	N/A
LuzonStrait	N/A	RECENT DATA	N/A	N/A	N/A

LigurianSea	RECENT DATA	N/A	RECENT DATA	N/A	N/A
LouisianaCoastEPA	N/A	RECENT DATA	N/A	N/A	N/A
LucindaJetty	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
LucindaJetty250	N/A	RECENT DATA	N/A	N/A	N/A
LuzonStrait	N/A	RECENT DATA	N/A	N/A	N/A
MVCOX	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
MVCOX250	N/A	RECENT DATA	N/A	N/A	RECENT DATA
Mindanao250	N/A	RECENT DATA	N/A	N/A	N/A
MindoroStrait250	N/A	RECENT DATA	N/A	N/A	N/A
MissBight	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
MissBight250	N/A	RECENT DATA	N/A	N/A	RECENT DATA
Monterey	RECENT DATA	N/A	N/A	RECENT DATA	RECENT DATA
Monterey250	N/A	RECENT DATA	N/A	N/A	N/A
NYBight	RECENT DATA	N/A	RECENT DATA	N/A	N/A
NYBight250	N/A	RECENT DATA	N/A	N/A	RECENT DATA
NorthAtlanticGyre	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
NorthEastAustralia	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
NorthEastPacific	RECENT DATA	N/A	N/A	RECENT DATA	N/A
NorthPacificGyre	RECENT DATA	N/A	RECENT DATA	N/A	N/A
OregonInsitu	RECENT DATA	N/A	N/A	RECENT DATA	N/A
OregonInsitu250	N/A	RECENT DATA	N/A	N/A	N/A
Palgrunden	RECENT DATA	N/A	RECENT DATA	NO RECENT DATA	N/A
Palgrunden250	N/A	RECENT DATA	N/A	N/A	N/A
PanamaCity250_Vulcanex	N/A	RECENT DATA	N/A	N/A	N/A
PersianGulf	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
PersianGulf250	N/A	RECENT DATA	N/A	N/A	N/A
Philippines	RECENT DATA	N/A	N/A	RECENT DATA	N/A
RedRiver	RECENT DATA	N/A	N/A	RECENT DATA	N/A
RedRiver250	N/A	RECENT DATA	N/A	N/A	N/A
SOIN_01	RECENT DATA	N/A	N/A	RECENT DATA	N/A
SomaliaCoast	RECENT DATA	N/A	N/A	RECENT DATA	N/A
SouthAtlanticGyre	RECENT DATA	N/A	RECENT DATA	NO RECENT DATA	N/A
SouthChina	RECENT DATA	N/A	N/A	N/A	N/A
SouthPacificGyre	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
VirginiaCapes	RECENT DATA	N/A	N/A	N/A	N/A
VirginiaCapes250	N/A	RECENT DATA	N/A	N/A	N/A
WaveCIS	RECENT DATA	N/A	RECENT DATA	RECENT DATA	N/A
WaveCIS250	N/A	RECENT DATA	N/A	N/A	RECENT DATA
Percent Current:	100 %	100 %	100 %	79 %	100 %

July 20, 2011
GTP Query
NRL Download

Note: SVM01
to SVM07
include both
AQUA and
AQOC (NRL
Proxy)

Type	Success	Failed	Missing (AQOC/AQUA)
GMODO	856	109	
SVM01	216	1	13/1
SVM02	213	1	16/1
SVM03	209	1	20/1
SVM04	203	2	25/1
SVM05	198	1	30/1
SVM06	195	1	33/1
SVM07	192	1	36/1
SVM08	113	2	0/1
SVM09	114	1	0/1
SVM10	113	1	0/1
SVM11	114	1	0/1
SVM12	114	1	0/1
SVM13	114	1	0/1
SVM14	113	2	0/1
SVM15	113	2	0/1
SVM16	114	1	0/2

July 20, 2011

GTP Query 10:06 - Start

NRL Download 10:28 - Connection error (after 15 min sleep)

10:31 - Missing SVM16 band (query)

GTP Client v2.1 11:07 - Missing SVM07 band (query)

11:11 - Missing several AQOC bands (query)

11:17 - Missing SVM06/07 bands (query)

11:57 - Missing several AQOC bands (query)

11:58 - GTP memory allocation error

.... repeat these every several times (10-20 mins)

15:56 - GTP memory allocation errors/uncompress errors

July 21, 2011
GTP Query
NRL Download

Note: SVM01
to SVM07
include both
AQUA and
AQOC (NRL
Proxy)

Type	Success	Failed	Missing (AQOC/AQUA)
GMODO	463	0	
SVM01	100	0	38/0
SVM02	100	0	38/0
SVM03	100	0	38/0
SVM04	101	0	38/0
SVM05	101	0	37/0
SVM06	100	0	37/0
SVM07	101	0	37/0
SVM08	69	0	0/0
SVM09	69	0	0/0
SVM10	69	0	0/0
SVM11	69	0	0/0
SVM12	69	0	0/0
SVM13	69	0	0/0
SVM14	69	0	0/0
SVM15	69	0	0/0
SVM16	69	0	0/0

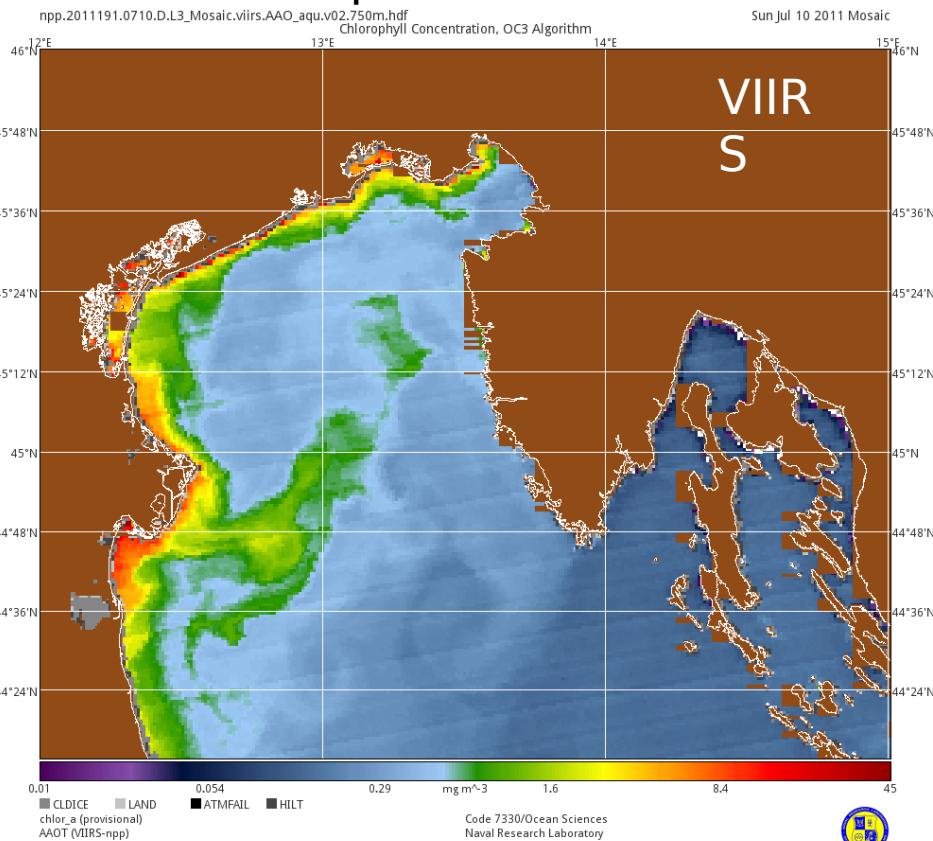
DATA FLOW

Venice

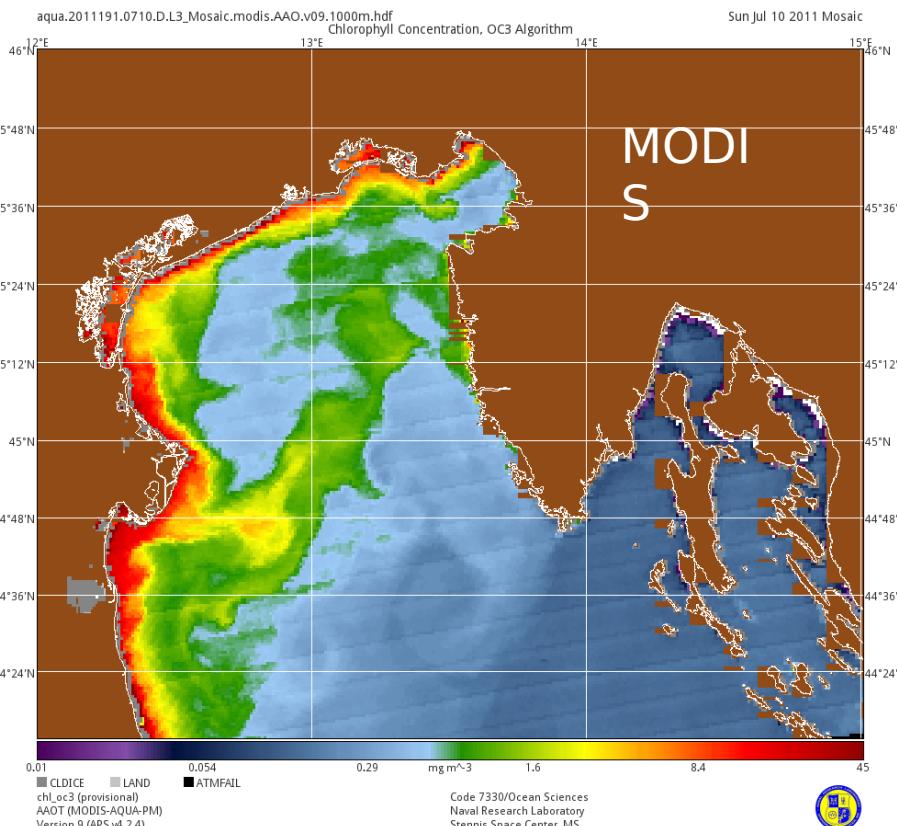
- Rehearsal
- July 10th, 2011 image
- GTP access has been down since Friday (July 15th)

Chlorophyll-a and a_443 Image
Difference and scatter plot examples

July 10, 2011 VIIR and MODIS processed



http://www7333.nrlssc.navy.mil/browse/lvl3/viirs/AAOT/2011/jul/?F=1&C=N&O=A&V=0&P=*chl**



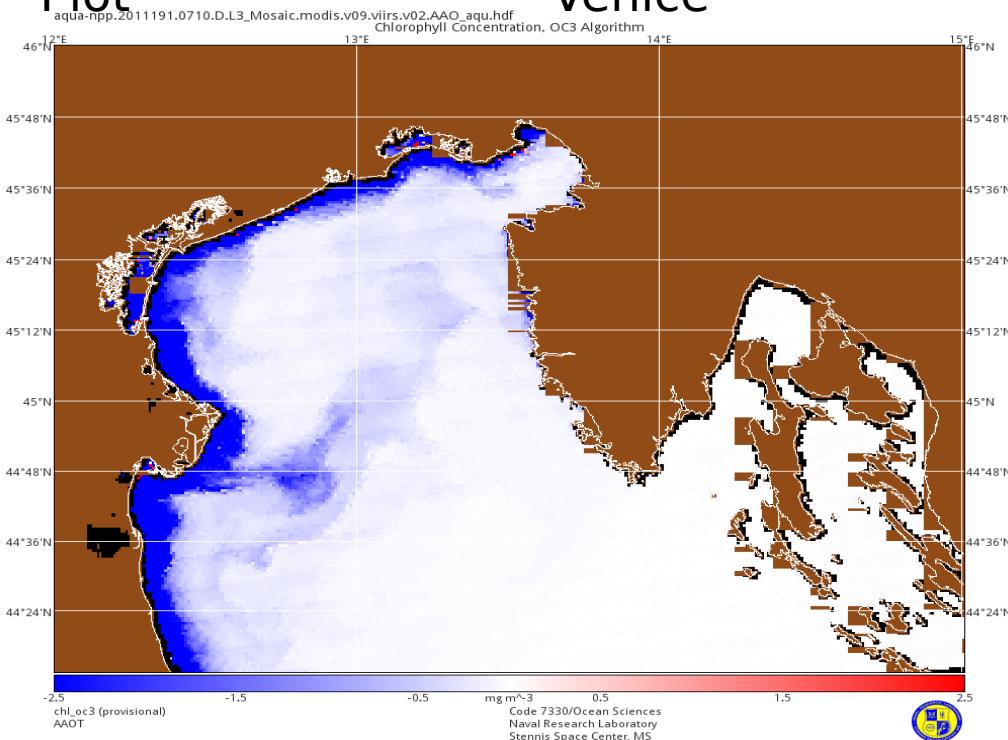
http://www7333.nrlssc.navy.mil/browse/lvl3/modis/AAOT/2011/jul/?F=1&C=N&O=A&V=0&P=*chl*

Example of
Chlorophyll.
All products processed

Remote sensing
reflectance.

Difference Plot

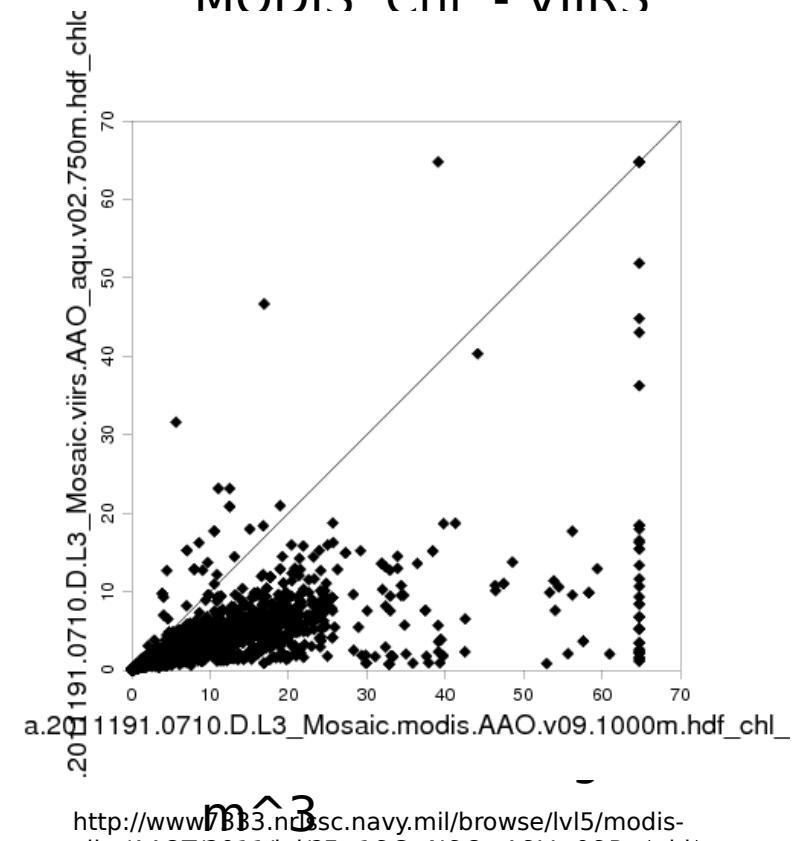
July 10, 2011 -
Venice



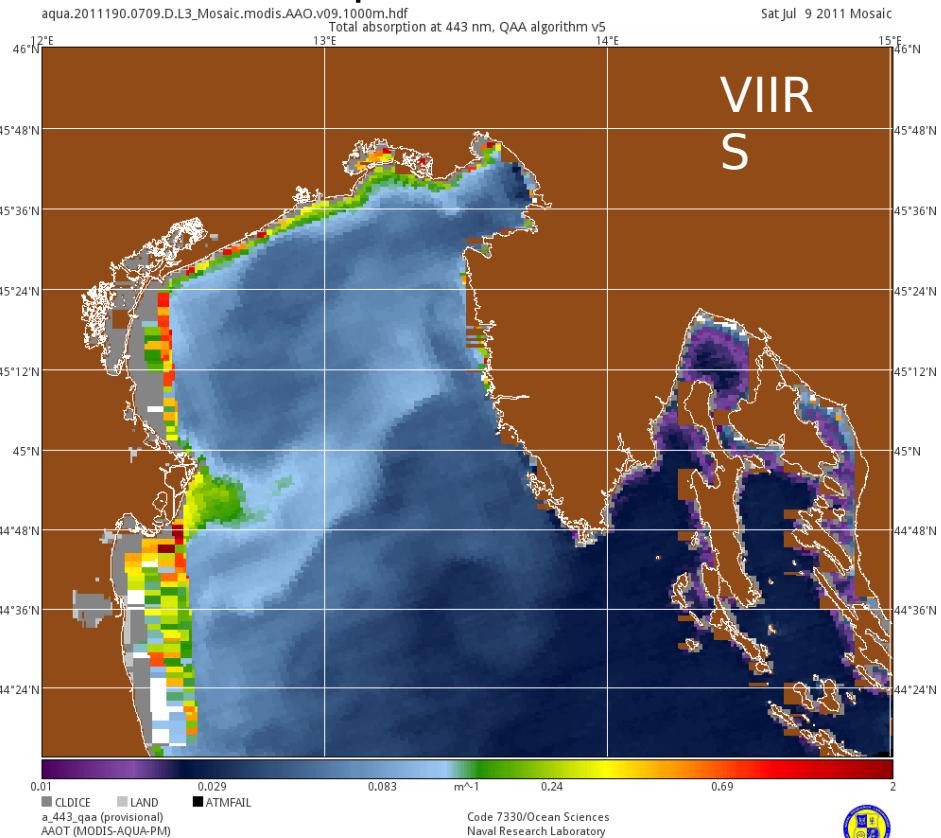
MODIS Chlor

7/19/11

Scatter plot MODIS Chl - VIIRS



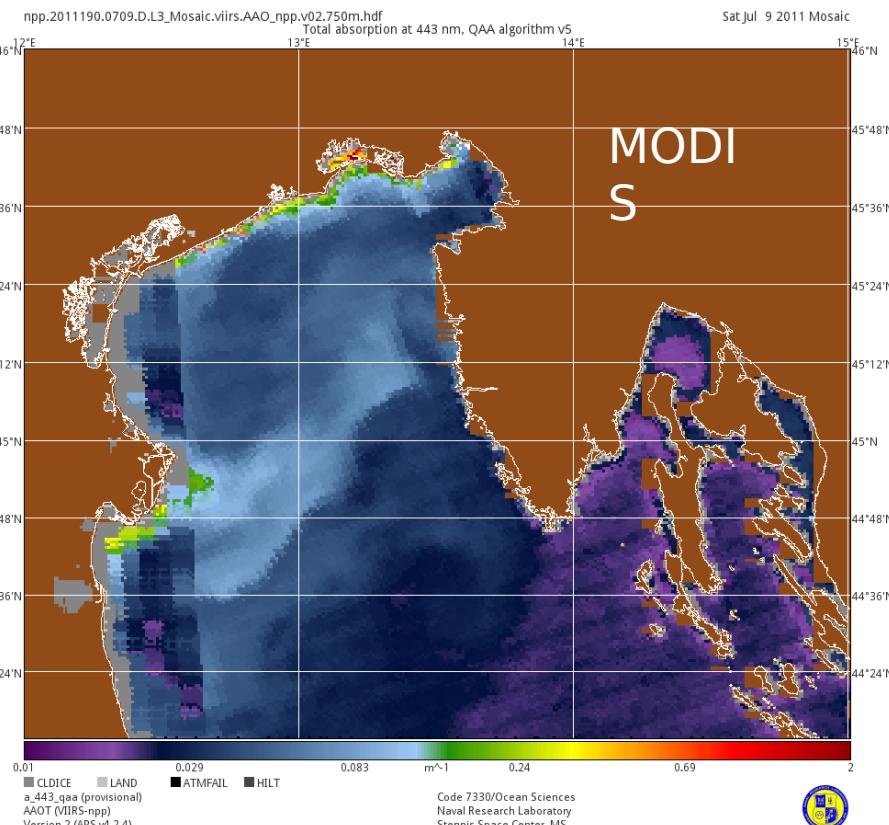
July 10, 2011 VIIR and MODIS processed



http://www7333.nrlssc.navy.mil/browse/lvl3/viirs/AAOT/2011/jul/?F=1&C=N&O=A&V=0&P=*chl**

Example of a_443 (QAA).
All products processed

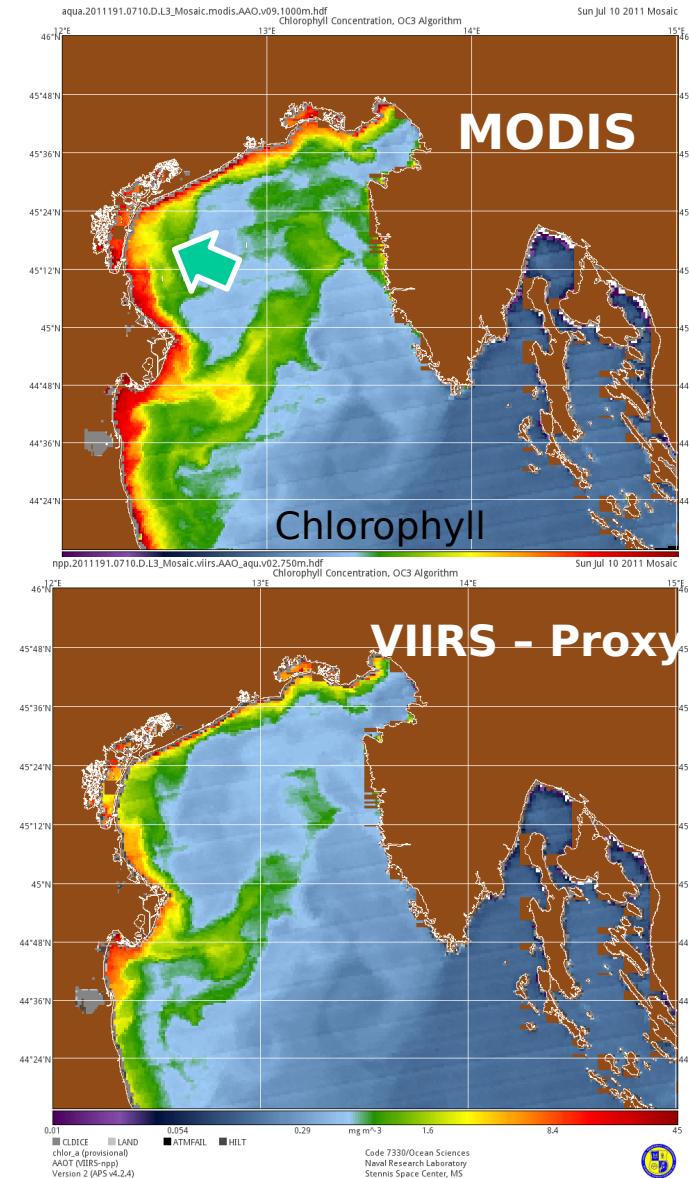
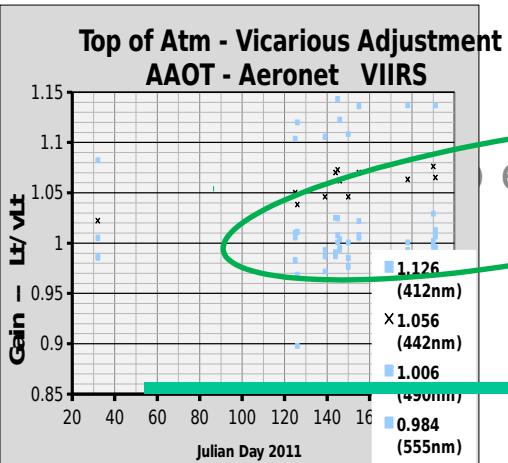
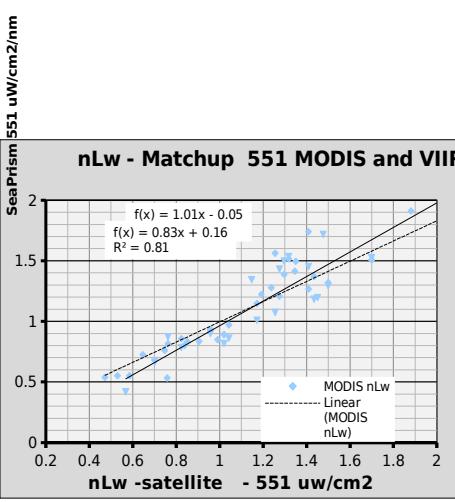
Remote sensing reflectance.

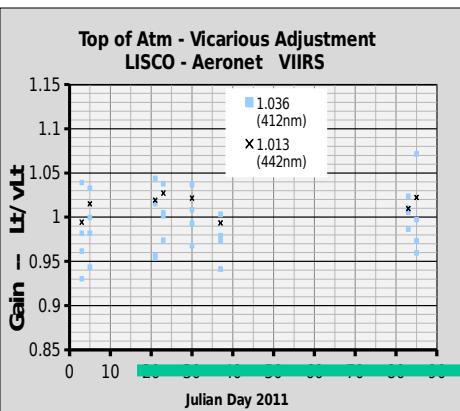
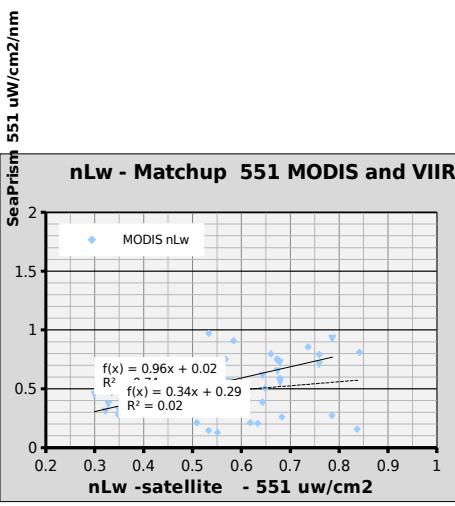


http://www7333.nrlssc.navy.mil/browse/lvl3/modis/AAOT/2011/jul/?F=1&C=N&O=A&V=0&P=*chl*

Example from Venice - Matchup

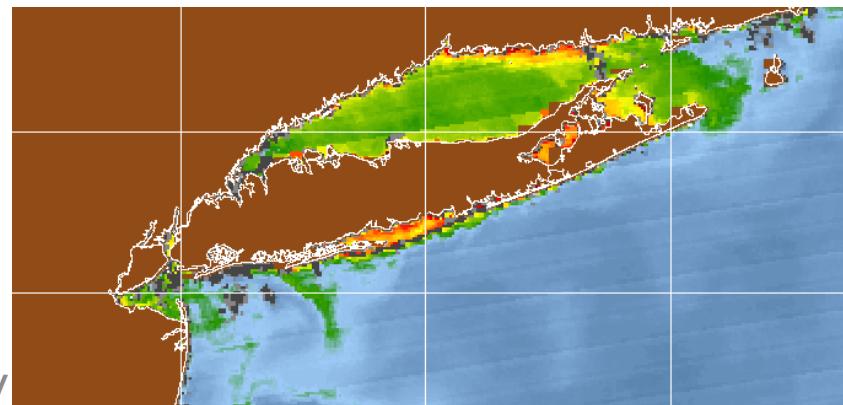
- Monitoring the Channel Gains In all regions



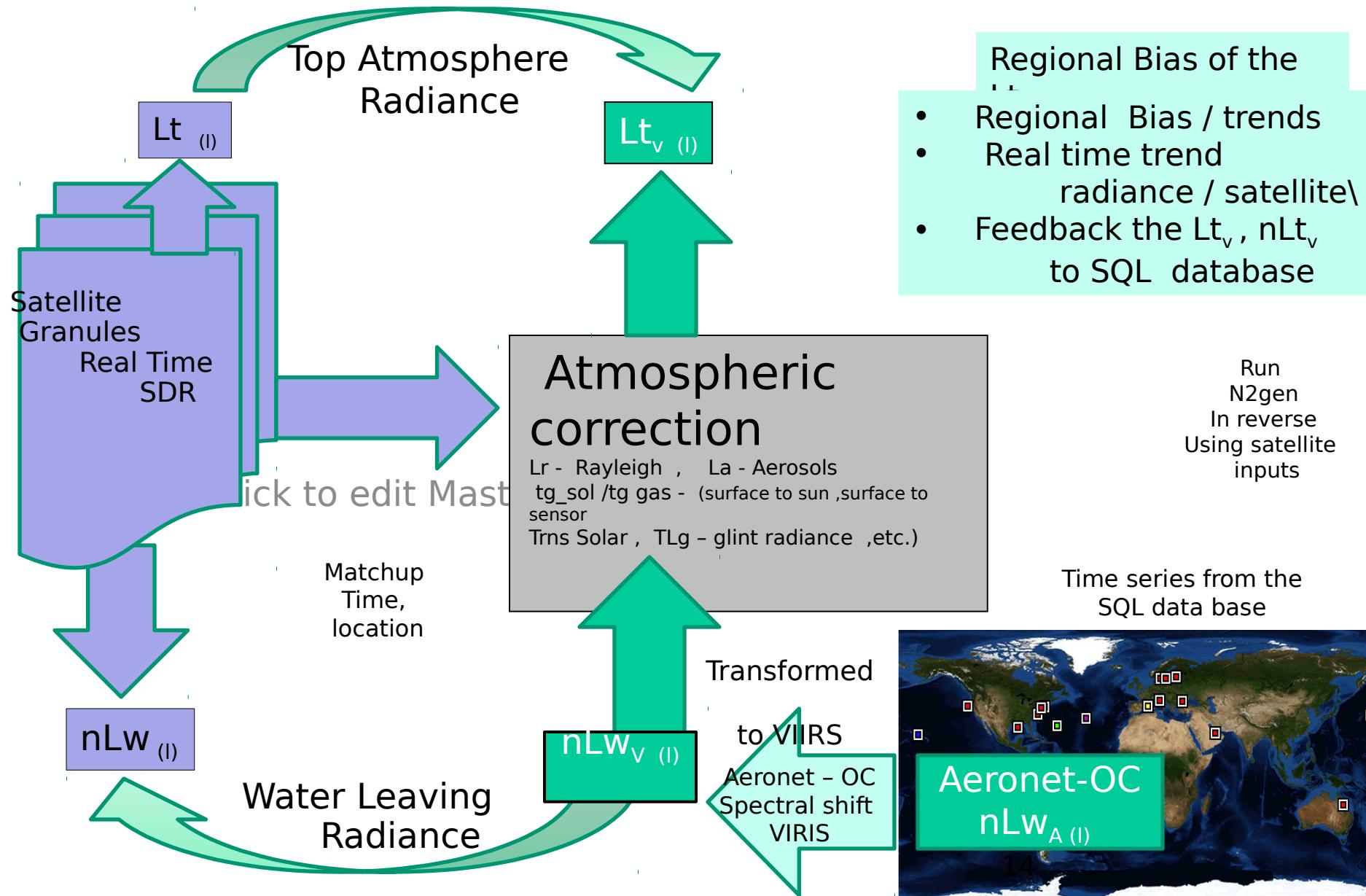


o edit Master subtitle style

Channel Gains



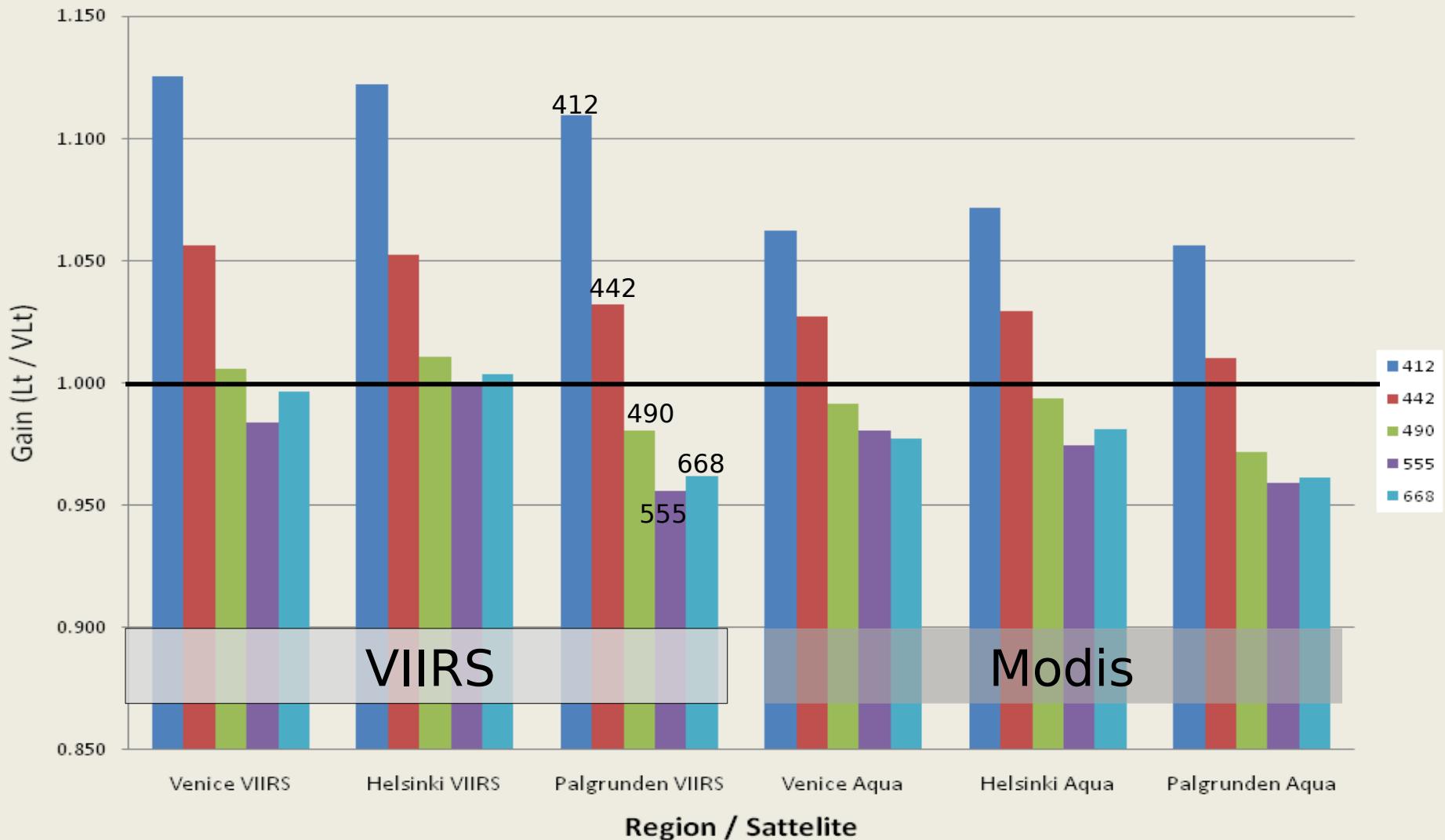
Real time “Vicarious” Regional matchup Lt and nLw



Real time monitoring

Regional Vicarious Adjustment

Top Of Atmosphere Vicarious Adjustment
3 - Sites / Satellites / Seaprisms





SAVANT

SAellite VAlidity Navy Tool

Naval Research Laboratory Code 7331
Bio-Optical Physical Processes and Remote Sensing, Bldg 1009
Stennis Space Center, MS 39529

[Comparison Tool](#) | [Regional Pages](#) | [Updates/Status](#) | [Help Page](#) |

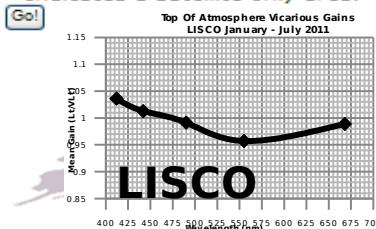
<Rehearsal Links>

[Display Regional Page](#)

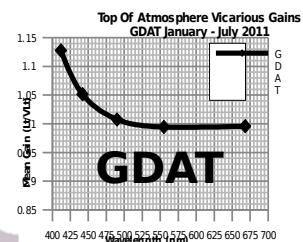
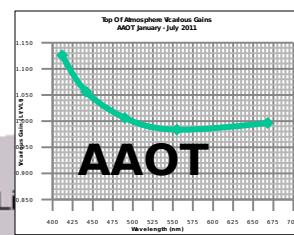
Palgrunden

With this form you can select:

Choose a Location: * Indicates a satellite only area.



graphic depicting the general area of each region is below.



Gustav Dalen Tower
Palgrunden

AAOT

Boussole Buoy
Gloria

Abu Al Bukhoosh

North Pacific Gyre
Gageocho Tower

Lucinda Jetty

- Gyres
- Seaprism
- BATS
- Buossole Buoy
- CalCOFI / Eureka Seaprism
- MOBY / HOTS

Site Name	Satellite Status	In situ Status
WaveCIS Site 6		
Palgrunden		
Martha's Vineyard		
Lucinda Jetty		

Top Of Atmosphere Vicarious Gains January - July 2011

